Index of Claims

09/645,794

Examiner
Vanel Frenel

Date

Applicant(s)/Patent under Reexamination

WALLACH ET AL.

Art Unit

3627

| <b>√</b> | Rejected |
|----------|----------|
|          | Allowed  |

| _ | (Through numeral)<br>Cancelled | • |
|---|--------------------------------|---|
| ÷ | Restricted                     |   |

Claim

| N | Non-Elected  |  |
|---|--------------|--|
| I | Interference |  |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|                |   | _        |          |          |          |  |          |  | _        |  |   |
|----------------|---|----------|----------|----------|----------|--|----------|--|----------|--|---|
| Cla            | aim   | <u> </u> |          | _        |          | Dat  | e ·      |  | ,        | _  | 1 |
| Final          | Original  | 6/22/07  |          |          |          |  |          |  |          |  |   |
| 2 3            | 1   | =        |          |          | 1        |  |          | T  | 1        |  | 1 |
| 2              | 1<br>2<br>3<br>4<br>5   | =        |          |          |          |  |          | Т  |          | 1  | 1 |
| 3              | 3   | =        |          | Г        |          |  |          |  |          |  | 1 |
|                | 4   |          |          |          |          |  |          |  | Г        |  | 1 |
| 4              | 5   | =        |          |          | Г        |  |          | T  |          |  | 1 |
| 5              | 6<br>7  | =        |          |          |          |  |          |  |          |  | 1 |
| 6              | 7   | =        |          |          |          |  |          |  |          |  | 1 |
|                | 8   |          |          |          |          |  |          |  |          |  | ] |
|                | 9   |          | L        |          | L        |  |          |  |          |  | ] |
| <u></u>        | 10  |          |          | L        |          | L  |          |  |          |  |   |
|                | 11  | L.       | _        |          |          | <u> </u>   | _        | $ldsymbol{ld}}}}}}$ | <u>L</u> |  |   |
|                | 12  |          | L        |          |          | _  |          | ┖  | <u> </u> | ╙  | 1 |
| 7              | 13  | =        | <u> </u> | _        |          | ļ  | _        | <u> </u>   | <u> </u> |  | 1 |
| 8<br>14        | 14  | `=       | _        | _        | _        | _  | _        | <u> </u>   | L        | ╙  | l |
| 14             | 15  | =        | <u> </u> |          | <u> </u> | -  | <u> </u> | <u> </u>   | <u> </u> | _  | l |
| 9              | 16  | =        | $\vdash$ | -        | ļ        | ├-   | L        | <u> </u>   | <u> </u> | ┞  | 1 |
| 10             | 17  | =        | _        | _        | ├        | $\vdash$   | ⊢        | <u> </u>   | <u> </u> | <u> </u>   | 1 |
| 11             | 18  | <u> </u> |          | <u> </u> | -        | <u> </u>   | _        |  | ├        | <u> </u>   | - |
| 11<br>12<br>13 | 19  | =        |          | <u> </u> |          | ├-   | -        |  | ├        | ⊢  | ł |
| 12             | 20  | =        |          | ┡        |          | -  | ⊢        |  | <b>!</b> |  | ļ |
| 13             | 22  | -        |          | <u> </u> | -        | ┢  | -        | <u> </u>   |          | ├  | 1 |
|                | 23  | -        |          |          | -        | <del> </del>                                     | -        | $\vdash$   |          | ⊢  | ł |
|                | 24  |          |          |          | -        | <del> </del>                                     |          | <del> </del>   | -        | ⊢  | ł |
|                | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 |          |          |          | $\vdash$ | $\vdash$   |          |  | -        | H  | l |
|                | 26<br>27<br>28<br>29<br>30<br>31  |          |          |          | Г        |  |          |  | <u> </u> |  | 1 |
|                | 27  |          |          |          |          |  |          | $\vdash$   |          |  | 1 |
|                | 28  |          |          |          |          |  |          |  |          |  | 1 |
|                | 29  |          |          |          |          |  |          |  |          |  | ] |
|                | 30  |          |          |          |          |  |          |  |          |  | ] |
|                | 31  |          |          |          | _        | <u> </u>   | <u> </u> |  |          | L  |   |
|                | 32  |          |          | _        |          | L  | _        |  | _        | _  |   |
|                | 33  |          |          |          | ļ        |  |          | <u> </u>   | <u> </u> | <u> </u>   | 1 |
|                | 34  |          |          |          |          | _  | _        |  | ļ_       | _  | ı |
|                | 32<br>33<br>34<br>35<br>36  |          |          |          |          | -  | H        |  |          | <u> </u>   | l |
| <u> </u>       | 37  |          |          | _        |          | -  | ⊢        | -  | _        | ├—   | l |
|                | 38  | $\vdash$ |          | -        | -        | -  | $\vdash$ | -  | <u> </u> |  |   |
|                | 39  |          |          | -        |          | ├  | -        |  | -        | ┢  | 1 |
|                | 40  |          | -        | _        | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$   |          | <del>                                     </del> |   |
|                | 41  |          |          |          |          |  |          | -  |          |  |   |
|                | 42  |          |          |          |          |  |          |  |          |  |   |
|                | 43  |          |          |          |          |  |          |  |          |  |   |
|                | 44  |          |          |          |          | Ŀ  |          |  |          |  |   |
|                | 45  |          |          |          |          |  |          |  |          |  |   |
|                | 46  |          |          |          |          |  |          |  |          |  |   |
|                | 47  |          |          |          |          |  |          |  |          |  |   |
|                | 48  |          |          |          |          |  | L        |  |          |  |   |
|                | 49  |          | _        | _        | _        | Ш  |          |  |          |  |   |
|                | 50  | - 1      |          |          |          |  |          |  | 1        | 1  | ł |

|   | 9.       | <u> </u> | <del>  -</del> - |  | _  |  | Pat  | <u> </u>   | ,        |  |              |
|---|----------|----------|------------------|--|--|--|--|------------|----------|--|--------------|
|   | Final    | Original |                  |  |  |  |  |            |          |  |              |
| ļ |          | 51       |                  | 1  | 1  | 1                                      | <del>                                     </del> | -          | $\vdash$ | <del>                                     </del> | -            |
| 1 |          | 52       | $\vdash$         | $\vdash$   | ╀  | +                                      | -  | -          | -        | ┝  | -            |
|   |          |          | -                | ⊢  | ⊢  | ┼                                      | ⊢  | ⊢          | -        | _  | ├_           |
| - |          | 53       | _                | _  | ┞  | <del>  _</del>                         |  | <u>Ļ</u>   | _        | _  | _            |
|   |          | 54       | <u> </u>         |  |  | L                                      | _  | L          |          |  | L            |
|   |          | 55       |                  |  |  |  | <u></u>  |            |          | <u> </u>   |              |
| - |          | 56       | "                |  |  |  |  |            |          |  | -"           |
|   |          | 57       |                  |  |  |  |  |            |          |  |              |
| 1 |          | 58       |                  | _  | 1  | 1-                                     |  |            | _        |  | ┢            |
| ١ |          | 59       | t                | <del>                                     </del> | 1.   | <del> </del>                           | <del>                                     </del> |            | -        | $\vdash$   | $\vdash$     |
| - |          | 60       |                  | ┢  | $\vdash$   |  | ⊢  | ├          | ┢        |  | ├-           |
| - |          | 61       | <u> </u>         | ┢  | ┢  | -                                      | -  | ├          | ⊢        | -  | -            |
|   |          |          | ├                | $\vdash$   | ⊢  |  |  | ⊢          |          |  | <u> </u>     |
| ļ |          | 62       | _                |  | _  | ــــــــــــــــــــــــــــــــــــــ | <u> </u>   | <u> </u>   |          | L.   | ┖            |
| ١ |          | 63       |                  | <u> </u>   | _  |  | <u>L</u>   |            |          |  | L            |
| ١ |          | 64       |                  |  | _  |  | <u> </u>   |            |          |  |              |
| ı |          | 65       |                  |  |  |  |  |            |          |  | l            |
| ı |          | 66       |                  |  |  |  |  |            |          |  |              |
|   |          | 67       |                  |  | П  |  |  |            |          |  | П            |
|   | 15       | 68       | =                |  |  |  |  |            |          |  | Г            |
| İ | 15<br>16 | 69       | =                |  |  |  |  |            |          | _  | $\vdash$     |
| Ì | 17       | 70       | =                |  |  |  |  | _          |          | $\vdash$   | <del> </del> |
| ı | 18       | 71       | =                | _  |  | Ι                                      |  |            | _        |  | _            |
| Ì |          | 72       | t                |  | <del>                                     </del> | H                                      | -  | $\vdash$   | -        |  |              |
| ł | 19       | 73       | =                | ├-   | $\vdash$   | $\vdash$                               | ┢─   | ┢          | -        |  | ├            |
| ł | 20       | 74       | =                | -  | ├  | ⊢                                      | ⊢  | $\vdash$   | -        | -  | ⊢            |
| ł | 21       | 75       | =                |  |  | ├                                      | -  | ├          | -        |  | <del> </del> |
| ł | 22       | 76       | =                | ⊢  | -  | -                                      | ٠  | -          |          | ·  | H            |
| ł | 22<br>23 | 77       | =                | $\vdash$   | -  | ├                                      | -  | -          |          | <del> </del>                                     |              |
| ŀ | 24       | 78       | =                | $\vdash$   | -  | ⊢                                      | -  |            |          |  | <u> </u>     |
| ŀ | 24       | 70       | ΙΞ.              | -  | ├-   |  | ├  | _          |          |  |              |
| ŀ | 25       | 79       | ▝                | _  | _  | <b> </b>                               | _  | ļ          |          | <u> </u>   |              |
| ŀ | 26       | 80       | =                | _  | _  |  | _  | L          |          |  |              |
| ļ |          | 81       | L                | _  | 辶  | ļ                                      |  | <u>L</u> _ |          | <u> </u>   |              |
| 1 |          | 82       |                  |  |  |  | <u> </u>   |            |          |  |              |
| L |          | 83       |                  |  |  |  |  |            | <u> </u> |  | L            |
|   |          | 84       |                  | *  |  |  |  |            |          |  |              |
| ſ |          | 85       |                  |  |  |  |  |            |          |  |              |
| ſ |          | 86       |                  |  |  |  |  |            |          |  | Γ            |
| ı |          | 87       |                  |  | Г  |  |  |            | <u> </u> | _  | $\vdash$     |
| ı |          | 88       |                  |  | T  |  |  |            |          |  |              |
| ı |          | 89       |                  |  |  | <u> </u>                               |  |            |          |  | ┢            |
| Ī |          | 90       |                  |  |  | 1                                      |  | -          |          | _  |              |
| 1 |          | 91       |                  |  |  |  | $\vdash$   |            |          |  |              |
| Ì |          | 92       |                  |  |  |  |  | -          |          |  | _            |
| Ì |          | 93       |                  |  |  |  |  |            |          |  | _            |
| Ī |          | 94       | $\Box$           | <u> </u>   |  | Γ                                      |  |            |          |  |              |
| ļ |          | 95       |                  | $\Box$   |  |  |  |            |          |  |              |
| Ī |          | 96       |                  |  |  |  |  |            |          |  | -            |
| t |          | 97       |                  |  |  |  | П  | _          |          |  |              |
| ſ |          | 98       |                  |  |  |  | -  | -          |          |  | -            |
| ľ |          | 99       |                  |  |  |  |  |            |          |  |              |
| ľ |          | 100      |                  |  | $\vdash$   |  |  |            |          |  |              |
| L |          | لتتنا    |                  |  |  |  |  |            |          |  | L            |

| E         E           50         101           102         103           104         105           106         107           108         109           110         111           112         113           114         115           116         117           118         119           120         121           122         123           124         125           126         127           128         129           130         131           132         133           133         134           135         136           137         138           139         140           141         142           143         144           144         145           146         147           148         149           150         150  | Ci        | aim        |              |  |  |                | Dat  | —  |  |  |                 |
|---|-----------|------------|--------------|--|--|----------------|--|--|--|--|-----------------|
| 101   |           | ı          |              |  |  |                |  | Π  | Γ  |  | Ì               |
| 101   | <u>a</u>  | <u>2</u> . |              |  |  |                |  |  |  |  |                 |
| 101   | l iE      | rj.        |              | ·  | 1  | ŀ              |  | ŀ  |  |  |                 |
| 103   |           | 0          | ĺ            |  | İ  |                |  |  |  |  |                 |
| 103   |           | 101        | $\vdash$     |  | H  | ├              | _  |  |  | $\vdash$   | $\vdash$        |
| 103   |           | 102        | $\vdash$     | -  | ┢  | <del>  -</del> | $\vdash$   | ╁  | ╁  | ┢  | Н               |
| 106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   148   149   149   148   149   149   148   149   148   149   148   149   149   148   149   148   149   149   144   145   146   147   148   149   149   148   149   149   144   145   146   147   148   149 |           | 103        | ┢            |  | -  |                | ├─   | ╁  | -  | $\vdash$   | $\vdash$        |
| 106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   148   149   149   148   149   149   148   149   148   149   148   149   149   148   149   148   149   149   144   145   146   147   148   149   149   148   149   149   144   145   146   147   148   149 |           | 104        | <del> </del> | -  | ╆  | $\vdash$       | ┢  | ┢  | ╁╾   | ╁  | $\vdash$        |
| 106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   148   149   149   148   149   149   148   149   148   149   148   149   149   148   149   148   149   149   144   145   146   147   148   149   149   148   149   149   144   145   146   147   148   149 |           | 105        | $\vdash$     |  | <del>  -</del>                                   | -              | ┢┈   | ┢  | $\vdash$   | ╁╾   | H               |
| 109 110 111 111 112 113 114 115 116 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   | _         | 106        | -            |  | <del>                                     </del> | ┢              | -  | -  | -  | ┼─   | Н               |
| 109 110 111 111 112 113 114 115 116 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 107        |              | ┢╌   | $\vdash$   | ┢              | 一  | $\vdash$   | ╁  | -  | $\vdash$        |
| 109 110 111 111 112 113 114 115 116 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   | <b>——</b> | 108        | _            |  | <del> </del>                                     | $\vdash$       | ├  | -  |  | $\vdash$   | Н               |
| 112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |           | 109        | _            |  | -  | ┢              | ├  | ┢  |  | -  | Н               |
| 112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |           | 110        |              | -  | <del>                                     </del> | -              | ┰  | $\vdash$   | -  |  | H               |
| 112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |           | 111        | -            | $\vdash$   | $\vdash$   | -              |  | -  | 1  | -  | Н               |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 112        |              | $\vdash$   | -  |                | -  | -  | $\vdash$   |  | Н               |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 113        |              | ┢  | $\vdash$   |                | ┢  |  | ┢  | <del>                                     </del> | $\vdash$        |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 114        | _            | $\vdash$   | Н  | <del> </del>   | <u> </u>   | $\vdash$   |  | $\vdash$   | Н               |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 115        | $\vdash$     | $\vdash$   |  | <del> </del>   | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash$        |
| 117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |           | 116        | -            | <del>                                     </del> | $\vdash$   | $\vdash$       |  | $\vdash$   | $\vdash$   | +-   | Н               |
| 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148   |           | 117        |              |  | $\vdash$   |                | -  | ╁  | ┢  | -  | H               |
| 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148   |           | 118        | -            |  | _  |                |  | $\vdash$   | <del> </del>                                     |  | $\vdash$        |
| 120   | -         | 119        |              | -  | $\vdash$   | -              |  | ┢╾   |  | <del>                                     </del> | $\vdash$        |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 120        |              |  | -  | -              |  | $\vdash$   | ┢  | _  | Н               |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   | -         | 121        |              | -  | ١.   |                | _  |  | _  | _  | $\vdash$        |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 122        |              |  | $\vdash$   | $\vdash$       | -  |  | ┝╌   | ┢  | $\vdash$        |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 123        | -            | _  |  | ├              | <del>                                     </del> | -  | $\vdash$   | ├-   | Н               |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 124        |              | _  | $\vdash$   | -              | $\vdash$   | _  | -  | <del> </del>                                     | Н               |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149   |           | 125        |              | -  |  |                |  | -  | -  | -  | Н               |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 126        |              |  |  |                | -  | $\vdash$   | -  | _  | $\vdash \vdash$ |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 127        |              |  | _  |                | -  | $\vdash$   | -  |  | $\vdash$        |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 128        |              | -  |  | $\vdash$       | -  | <del>                                     </del> | -  | -  | Н               |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 129        |              |  | _  | $\vdash$       |  | $\vdash$   | $\vdash$   |  | Н               |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 130        |              |  | $\vdash$   | _              | $\vdash$   | _  |  | -  | Н               |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 131        |              |  | $\vdash$   | _              | $\vdash$   | -  |  | ┝  | $\vdash$        |
| 134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  | _         | 132        |              |  |  | _              |  | _  |  | _  | Н               |
| 134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |           | 133        |              |  | ┢  |                |  |  | _  |  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 134        |              |  |  |                | H  | $\vdash$   | $\vdash$   | _  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |           | 135        |              |  | <u> </u>   |                |  |  | <del>                                     </del> |  | Н               |
| 137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |           | 136        |              |  | Г  | $\vdash$       | П  |  |  | $\vdash$   | · -             |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |           | 137        |              |  |  |                |  |  |  | $\vdash$   | Н               |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |           | 138        |              |  |  |                |  | П  |  |  | $\vdash$        |
| 140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |           | 139        |              |  | Г  |                |  | -  |  | <u> </u>   | Н               |
| 141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |           | 140        |              |  |  |                |  |  |  | <u> </u>   | Н               |
| 142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |           | 141        |              |  |  |                |  |  |  |  | Н               |
| 144<br>145<br>146<br>147<br>148<br>149  |           | 142        | -            |  |  |                |  |  |  |  | П               |
| 144<br>145<br>146<br>147<br>148<br>149  |           |            |              |  |  |                | - 1  |  | $\Box$   |  |                 |
| 146<br>147<br>148<br>149  |           | 144        |              |  |  |                | . "  |  |  |  |                 |
| 146<br>147<br>148<br>149  |           |            |              |  |  |                |  |  |  |  |                 |
| 147<br>148<br>149   |           | 146        |              |  |  |                |  |  |  |  | $\Box$          |
| 148   |           |            |              |  |  |                |  |  |  | $\Box$   |                 |
| 149   |           | 148        |              |  |  |                |  |  |  |  | $\Box$          |
| 150   |           | 149        |              |  |  |                |  |  |  |  | $\Box$          |
|   |           |            |              |  |  |                |  |  |  |  | $\Box$          |